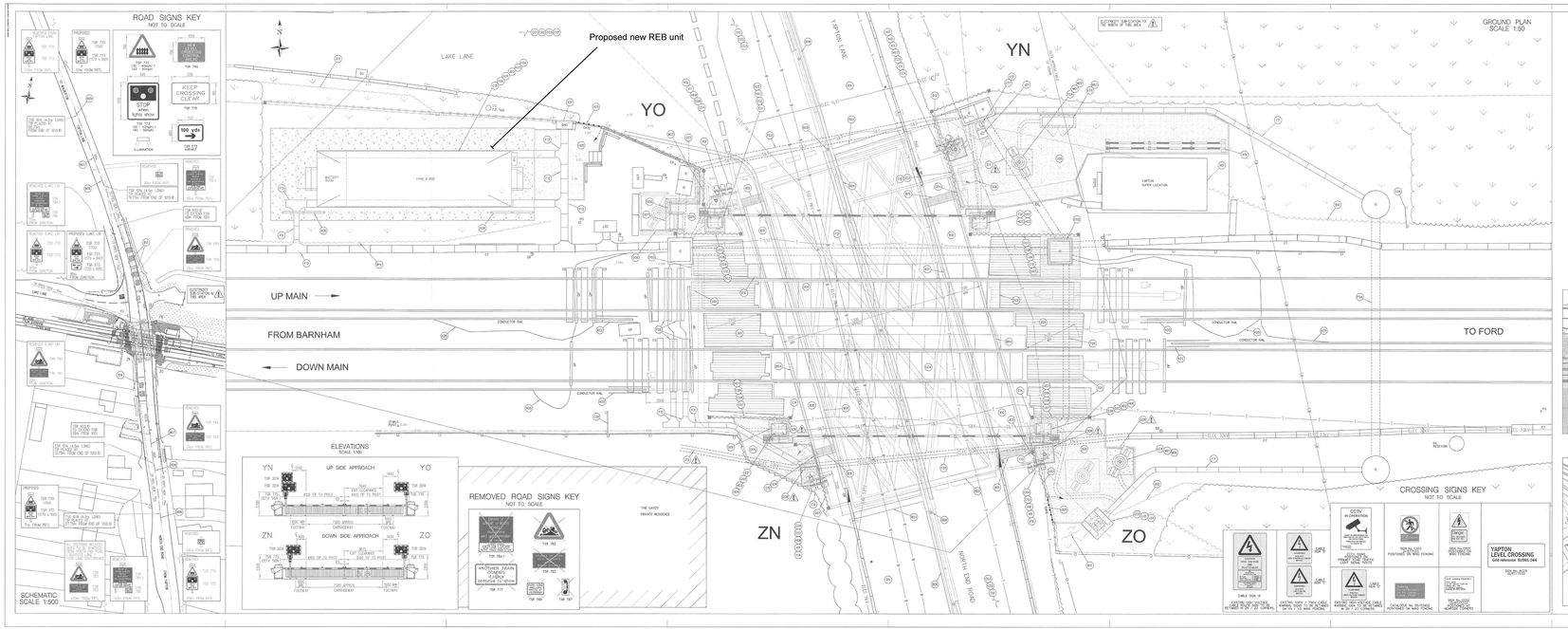


KEY

ABBREVIATIONS:

AC	AIR CONDITIONING UNIT
ADWS	APPLIED SYNCHRONIZED WARNING SOUNDER
CB	CIRCUIT BREAKER
CD	CUCKOO DIP
CS	CONCRETE SLEEPER
CT	CONCRETE TRANSOM
DD	DISCONNECTION BOX
DO	DISCONNECTOR
DWO	DISTRIBUTION NETWORK OPERATOR
EPR(S)	DUPLICATE PRIMARY ROAD TRAFFIC LIGHT SIGNAL
LJB	LIGHT JUNCTION BOX
EB	EARTHING BOX
FH	FIRE HYDRANT
GU	GULLY
HSS	HOLLOW STEEL SLEEPER
JB	JUNCTION BOX
JC	INSULATED RAIL JOINT
KB	KNOCKER BOX
LC	LOATING COLUMN
LCNB	LEVEL CROSSING NAME BOARD
LCP	LEVEL CROSSING PANEL
LCU	LOCKING CASE
MR	MARKER
OPR	OBSTACLE DETECTOR REFLECTOR
OP	ORANGE PIPE
PL	PRIMARY ROAD TRAFFIC LIGHT SIGNAL
PO	POST
SB	SIGN
ST	STOP TAP (SERVICE)
TC	TURNING CHAMBER
TP	TELEPHONE POST
TR	TREWELL
TW	THERMIT WELD
UWR	UNDER ROAD CROSSING
UTX	UNDER TRACK CROSSING

ABBREVIATIONS CONTINUED:

YN	UP NEARSIDE
YO	UP OFFSIDE
ZN	DOWN NEARSIDE
ZO	DOWN OFFSIDE

LINESIDE CABLE ROUTES

BURIED DUCT	
100mm DIA.)	
ANCHORED CABLE	
TRUNKING	

MISCELLANEOUS:

COMPACTED STONE / CONCRETE
WALKWAY / HARDSTANDING

VEGETATION

FENCING / BOUNDARY:

FULL HEIGHT BOUNDARY
SEE DETAILS OPP FOR VS POSTS & CWSS

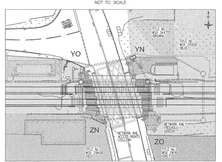
GUARD RAIL
WOODEN FENCE
WIRE MESH
WOODEN PALISADE
STEEL PALISADE
PRIVACY SCREEN
IRON RAILING
CONCRETE PANEL
FENCING

COLOUR CODE:

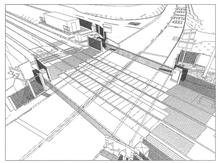
BLACK	EXISTING/UNAFFECTED ARRANGEMENTS
RED	NEW/ADDED ARRANGEMENTS
BLUE	EXISTING/CHANGED ARRANGEMENTS

ELECTRICITY (33 KILOVOLTS)		WATER	
ELECTRICITY (11 KILOVOLTS)		SEWAGE WASTE	
ELECTRICITY (LOW VOLTAGE) OVERHEAD		SEWAGE WATER	
ELECTRICITY (LOW VOLTAGE) UNDERGROUND		TELECOM CABLE	
SIGNALLING		CABLE TV	

LAND REGISTRY
NOT TO SCALE



REPRESENTATION OF CCTV VIEW



A. GENERAL NOTES

01 DRAWN PLAN DIMENSIONS AND CHAINTIMES DETAILS BASED ON THE OFR RAILWAY SAFETY PUBLISHED 2 CHAINTIMES & OTHER SUPPLIED DRAWINGS. ALL DIMENSIONS, CHAINTIMES & LOCATIONS ARE APPROXIMATE.
02 LEVEL CROSSING DETAILS TO BE READ IN CONJUNCTION WITH 'ROTHAM CUP PLAN' (REF. No. 5-S-0-001) VERSION 5.1.
03 TYPE OF CROSSING BASED ON SIGNALLING TABLE PLAN No. 0-S-0-001 VERSION 5.1.
04 THE PROPOSALS FOR CONVERSION OF AUTOMATIC HALF BARRIER CROSSING HAVE TO ANNUALLY CONTROLLED MOTORISED BARRIERS HAVE BEEN PREPARED BY OTHERS.
05 DECISION PROVIDED LONG-ARM OR SPOKED PLAN DEC. No. 5-S-0-001 SPECIFIES A MOTORISED BARRIER PROPOSAL. THE SPECIFICATION HAS SUPPLIED A NON-SUPPORTED STEEL-FRAMED BARRIER. THE SUPPLIED STEEL-FRAMED BARRIER HAS BEEN PROVIDED TO ENSURE THE PROPOSED BARRIER DOES NOT EXCEED THE SUPPLIED BARRIER.
06 RAILWAY SECURITY INFORMATION BASED ON INTERFACE RAIL TO POPULA DATA & LAND REGISTRY INFORMATION.
07 INFORMATION SUPPLIED BASED ON THE WORKS ARE SHOWN ONLY IF ALREADY OR WITHIN THIS CONTRACT AND APPROVED BY THE RAILWAY. ALL OTHER WORKS ARE SHOWN ONLY IF ALREADY APPROVED BY THE RAILWAY.
08 ALL DIMENSIONS, LOCATIONS AND DETAILS SHOWN ON THE DRAWING ARE TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORKS.
09 ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
10 ALL RAIL DIMENSIONS ARE TO THE RUNNING EDGE.
11 CROSSING LOCATION REFER TO CHAINTIMES.
12 ALL DIMENSIONS, LOCATIONS AND DETAILS TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORKS.

B. HIGHWAYS AUTHORITY / CIVIL ENGINEERING

01 CONTRACTOR TO ALIGNED TO OBSTRUCTION DATUMS AS AND AS - SEE SITTING OUT PLAN.
02 ALL CROSSING ROAD WARNINGS THAT ARE TO BE REPLACED TO BE REMOVED OFF BEFORE REPLACEMENT.
STANDARD WARNING SIGNS AND PLACED ON SITE.
03 ALL CROSSING ROAD WARNINGS TO BE REPLACED TO BE REMOVED OFF BEFORE REPLACEMENT.
04 THE CROSSING OF THE ADJACENT ROADWAY ON THE ROAD SHOULD BE CONSTRUCTED TO THE ROAD SPECIFICATIONS.
05 RECOMMENDED CARRIAGEWAY WARNINGS AS ILLUSTRATED CONFORMING TO THE ROAD SIGNS REGULATIONS AND GENERAL DIRECTIONS 2016 (TSRGD) SECTION 36 (THE TRAFFICKING THE ENGINEER NUMBERS).
06 EDGE OF CARRIAGEWAY WHITE LINES TO TYA 550(100mm WIDE).
07 EDGE OF FOOTWAY WHITE LINES TO TYA 550(100mm WIDE).
08 THROUGHOUT OVERLAY STOP LINE TO TYA 550(100mm WIDE).
09 EDGE OF FOOTWAY WHITE LINES TO TYA 550(100mm WIDE).
10 CENTRE OF CARRIAGEWAY MARKINGS BETWEEN THE STOP LINES TO TYA 615 (a 150mm WIDE & 175mm APART).
11 CENTRE CARRIAGEWAY MARKINGS BETWEEN FROM DOUBLE LINES TO A DISTANCE OF 46m (TYA 615 (a 150mm WIDE & 175mm APART).
12 CENTRE CARRIAGEWAY MARKINGS BETWEEN FROM DOUBLE WHITE LINES TO TYA 550 (100mm WIDE).
13 IN-BETWEEN ZONE STOPS AT 46m 450mm WIDE 300mm STOPS STOPS WITHIN 200mm OF THE RUNNING RAIL TO TYA 550 (100mm WIDE).
14 DETECTION WARNING ARROW TO TYA 615 (a 150 WIDE) APPLY AT 0.75m / 0.25m FROM END OF SOLID ON OF SIDE APPROACH, AND 0.75m / 0.25m FROM END OF SOLID ON THE CROSSING APPROACH.
15 CROSSING FOOTPATH CHANGE WITH ARROW WIDE 300mm WIDE TO TYA 615 (a 150mm WIDE) AT NEW CONSTRUCTION AT KERB OF FOOTWAY.
16 CROSSING SURFACE AND APPROACHES TO BE FREE FROM POT HOLES,DEPRESSED AREAS AND WAVER.
17 ROADS EXISTING VEGETATION OVERHANGS SHOULD NOT BE ADDED ALL VEGETATION MUST BE CUT BACK AND CLEARED TO A MINIMUM OF 3m AND SUITABLY TREATED TO NETWORK RAIL STANDARDS SECTION 6000 & NRS/PR-0000.
18 ALL ROAD MARKINGS TO BE TYA 615 (a 150mm WIDE) APPLIED TO CONFORM TO TSRGD.
19 NEW HIGHWAY CLEAR MARKINGS TO TYA 615 ON SOUND SIDE APPROACH TO CONFORM REFERENCE TO PRIVATE REGISTRAL.
20 TWITLE PANELS / CONCRETE HIGHWAY WARNING TYPE SURFACE, COLOUR TO CONTRAST WITH SURROUNDING AREA BUT NOT RED AS DETAILED IN SETTY TRIBUNALS ON THE SOC 01 PAVEMENT PANELS, SURFACES, SECT CHAPTER 3.

C. SIGNAGE

01 CROSSING ROAD WARNING ROAD SIGNS SLAVES & INTERSECTIONS & LUMINAISED - CONFORMING TO TRAFFIC SIGN REGULATIONS & GENERAL DIRECTIONS 2016 AND TRAFFICS SIGNS MANUAL CHAPTER 3 (SEE SIGN SPECIFICATIONS FOR POSITION OF POST) IF SIGNS ON POSTS ROAD SIGNS STYLE OF SIGNS TO BE ATTACHED TO ROAD POSTS. ROAD SIGNS TO BE ATTACHED TO ROAD POSTS. ROAD SIGNS TO BE ATTACHED TO ROAD POSTS. ROAD SIGNS TO BE ATTACHED TO ROAD POSTS. ROAD SIGNS TO BE ATTACHED TO ROAD POSTS. ROAD SIGNS TO BE ATTACHED TO ROAD POSTS.
02 TSR 795 - NEW LEVEL CROSSING CONTROL ARROW (SEE ALT) TO ROAD SIGNS) TO BE DISPLAYED ON EACH APPROACH ROAD TO THE CROSSING ON THE ROAD SIGNS ON THE ROAD SIGNS.
03 TSR 773 - ADVANCED ROAD WARNING SIGN (SEE ROAD SIGNS 4D) SIGNS ON LANE LANE TO BE FITTED TO HIGHER POSTS.
04 TSR 772 - ADVANCED ROAD WARNING SIGN (SEE ROAD SIGNS 4D) SIGNS ON YAPTON LANE TO BE FITTED TO HIGHER POSTS.
05 TSR 772 - ADVANCED ROAD WARNING SIGN (SEE ROAD SIGNS 4D) SIGNS ON YAPTON LANE TO BE FITTED TO HIGHER POSTS.
06 TSR 772 - ADVANCED ROAD WARNING SIGN (SEE ROAD SIGNS 4D).
07 TSR 772 VARIANT - DISTANCE AND DIRECTIONS TO HIGHER SIGN (SEE ROAD SIGNS 4D).
08 SIGN NO. 4C772 - LEVEL CROSSING (EXCEPTIONAL) NAME BOARD (SEE 4C) TO CROSSING SIGNS).
09 SIGN NO. CWLS NO. SMATCHBOXED 4C772 (SEE 4D) TO CROSSING SIGNS).
10 SIGN NO. 4C772 - LEVEL CROSSING NAME BOARD (SEE 4C) TO CROSSING SIGNS).
11 SIGN PRIMARY FOR TRIGGERED LIGHT NO.SMATCHBOXED 4C772 (SEE 4D) TO CROSSING SIGNS).
ALL TO BE REMOVED ON BARRIER WING FRACTURE OR REPLACED IF WEDGING.
12 SIGN NO.3701 - SUPPLEMENTARY SIGN FOR LEVEL CROSSINGS WITHOUT BARRIERS OR BARRIER CORNERS. EMERGENCY PHONE NUMBER TO BARRIERS (SIGN NO.3701 - CROSS SIGNS) - 2 OFF.
13 SIGN NO. 4C772 - LEVEL CROSSING NAME BOARD (SEE 4C) MOUNTED ON PRIMARY ROAD TRAFFIC LIGHT SIGNAL POSTS (SEE CROSSING SIGNS) - 2 OFF.
14 CROSSING BOARD - 1.25m (WIDE) BARRIERS BOARD TO BE RETAINED ON OPEN2 WING FENCING (TYA 1713 (a 1000mm WIDE) TO BE FITTED TO WING FENCE.
15 CROSSING BOARD (WALL MOUNTED) - 1.25m (WIDE) BARRIERS BOARD TO BE RETAINED IN POSITION IN 2N (CD) CORNERS (TYA 1713 (a 1000mm WIDE) TO BE FITTED TO WALL.
16 CROSSING BOARD (WALL MOUNTED) - 1.25m (WIDE) BARRIERS BOARD TO BE RETAINED IN 2N (CD) CORNERS.
17 SIGN NO. 4C772 - LEVEL CROSSING NAME BOARDS (ALSO SIGN NO.4C772) REFLECTIVE MATERIAL BLACK LETTERING ON A WHITE BACKGROUND. TO BE FITTED TO WING FENCE.
ALL REDUNDANT SIGNS TO BE REMOVED.

D. CIVIL ENGINEERING

01 EXISTING CATTLE-GRIP REPLACED DUAREES TO EXTEND FOR A MINIMUM OF 2600mm STEP-OVER DISTANCE MEASURED FROM ANY EDGE OF THE LEVEL CROSSING SURFACE - TO BE IN GOOD CONDITION / WORKED AS REQUIRED.
02 ALL CATTLE-GRIPS TO BE CLEARED OF ALL DEBRIS, SOIL, STONES, ETC. TO BE IN GOOD CONDITION.
03 CATTLE-GRIP REPAIRED CLEARED TO BE LEFT AROUND EXISTING C & M FC COURSE.
04 EXISTING LEVEL CROSSING DRAINAGE - STONE FAMILY WITH NON-SLIP SURFACE AS ACCORDANCE WITH NETWORK RAIL SPECIFICATION NTS/PR/CIV/0000.
05 EXISTING BURIED CONNECTIONS TO BE CLEANED BARRIERS/CLEARING AREA MIN WIDTH 600mm. TO BE CHECKED OF 40 TO BE LEFT WITH ANY ACCESSORY CONCRETE BASES & TRENCHING.
06 BATS TO BE CLEAR AND MADE GOOD TO ALLOW FOR SAFE ACCESS OPERATIONS AND MAINTENANCE OF EQUIPMENT.
07 EXISTING LEVEL CROSSING DRAINAGE WITH RETAINING WALL STUTTS TO BE PROVIDED INSTALLED TO NETWORK RAIL STANDARDS.
08 CARE MUST BE TAKEN WHEN DIGGING IN THE AREA DUE TO THE PRESENCE OF A BURIED HIGH-VOLTAGE CABLE ROUTE.
09 NEW LEVEL CROSSING DRAINAGE FAMILY - STONE FAMILY WITH NON-SLIP SURFACE IN ACCORDANCE WITH NETWORK RAIL SPECIFICATION NTS/PR/CIV/0000.
10 ALL REDUNDANT POSITION OF A BURIED BURIED ROUTE BETWEEN CHAMBERS IN THE CORNER CARE MUST BE TAKEN WHEN DIGGING IN THE AREA.
11 REDUNDANT DISTRIBUTION OF BURIED HIGH-VOLTAGE ROUTE. (D).

E. FOUNDATIONS

CONCRETE FOUNDATIONS IN ACCORDANCE WITH NETWORK RAIL COMPANY STANDARDS NRS/SD/0002 AND NETWORK RAIL STANDARDS NRS/PR/CIV/0000 & NRS/PR/CIV/0000 & NRS/PR/CIV/0000 & NRS/PR/CIV/0000.
01 BARRIER WARNING BASE - INSTALLED TO NETWORK RAIL APPROVED FORM FIXED DRAWING 5D200-NWR-CIV-EDH -2 OFF.
02 FLASHING ROAD LIGHT SIGNAL BASE - INSTALLED TO NETWORK RAIL APPROVED FORM FIXED DRAWING 5D200-NWR-SIG-CIV-EDH - 1 OFF.

E. FOUNDATIONS – CONTINUED

03 CIVIL CABINETS BASE REQUIRED (SEE 8m 9m) ABOVE AASTT - INSTALLED TO NETWORK RAIL APPROVED FORM FIXED DRAWING 5D200-NWR-CIV-EDH - 1 OFF.
04 ENERGISATION OF THE TOTAL BASE & REQUIRED TO CONFORM WITH BOTH AND BOTH DETAILS/SAID ALTHOUGH THE BASE ARE THE SAME THE ACTUAL ACCOMPANY DRAWN (2 - SEE